

LOW TEMPERATURE-DRYING WATERBORNE COATINGS

ABSTRACT OF THE DISCLOSURE

The present invention relates to a storage-stable, waterborne, one-component, coating composition, which can be cured at temperatures below 100°C to provide a stone chip resistant and sandable coating, containing as the binder a polyurethane dispersion A, which after physical drying results in a coating having a pendulum hardness according to DIN 53 157 of >90 s; a polyurethane dispersion B, which after physical drying results in a coating having a pendulum hardness (DIN 53 157) of < 90 s; and a melamine resin C, which is preferably highly reactive.

The present invention also relates to a process for coating substrates with these coating compositions and to the resulting substrates.